Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046721.D
Acq On : 19 Jul 2024 11:55
Operator : MA/JU
Sample : P3201-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Quant Time: Jul 19 12:56:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.489	152	2579	0.400	ng/ul	0.00
4) Naphthalene-d8	10.248	136	7129	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.131	164	4820	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.887	188	9840	0.400	ng/ul	0.00
17) Chrysene-d12	21.094	240	6620	0.400	ng/ul	# 0.00
23) Perylene-d12	23.227	264	7444	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	618	0.292	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	3248	0.283	ng/ul	0.00
18) Fluoranthene-d10	18.926	212	7243	0.360	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.292	128	270464	14.913	ng/ul	95
10) Acenaphthylene	13.848	152	292352	13.324	ng/ul	96
11) Acenaphthene	14.195	153	224544	15.275	ng/ul	95
12) Fluorene	15.190	166	71847	3.950	ng/ul	98
15) Phenanthrene	16.929	178	161767	5.761	ng/ul	98
16) Anthracene	17.017	178	208716	7.617	ng/ul	97
19) Fluoranthene	18.954	202	298080	10.962	ng/ul	99
20) Pyrene	19.317	202	94737	3.218	ng/ul	99
21) Benzo(a)anthracene	21.079	228	163792	5.593	ng/ul	98
22) Chrysene	21.129	228	56294	1.987	ng/ul	99
24) Benzo(b)fluoranthene	22.595	252	184508	6.205	ng/ul	89
25) Benzo(k)fluoranthene	22.636	252	165160	5.658	ng/ul#	90
26) Benzo(a)pyrene	23.136	252	85658	3.500	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.337	276	106577	2.862	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.353	278	28533	0.968	ng/ul	95
29) Benzo(g,h,i)perylene	25.980	276	188928	6.358	ng/ul	95

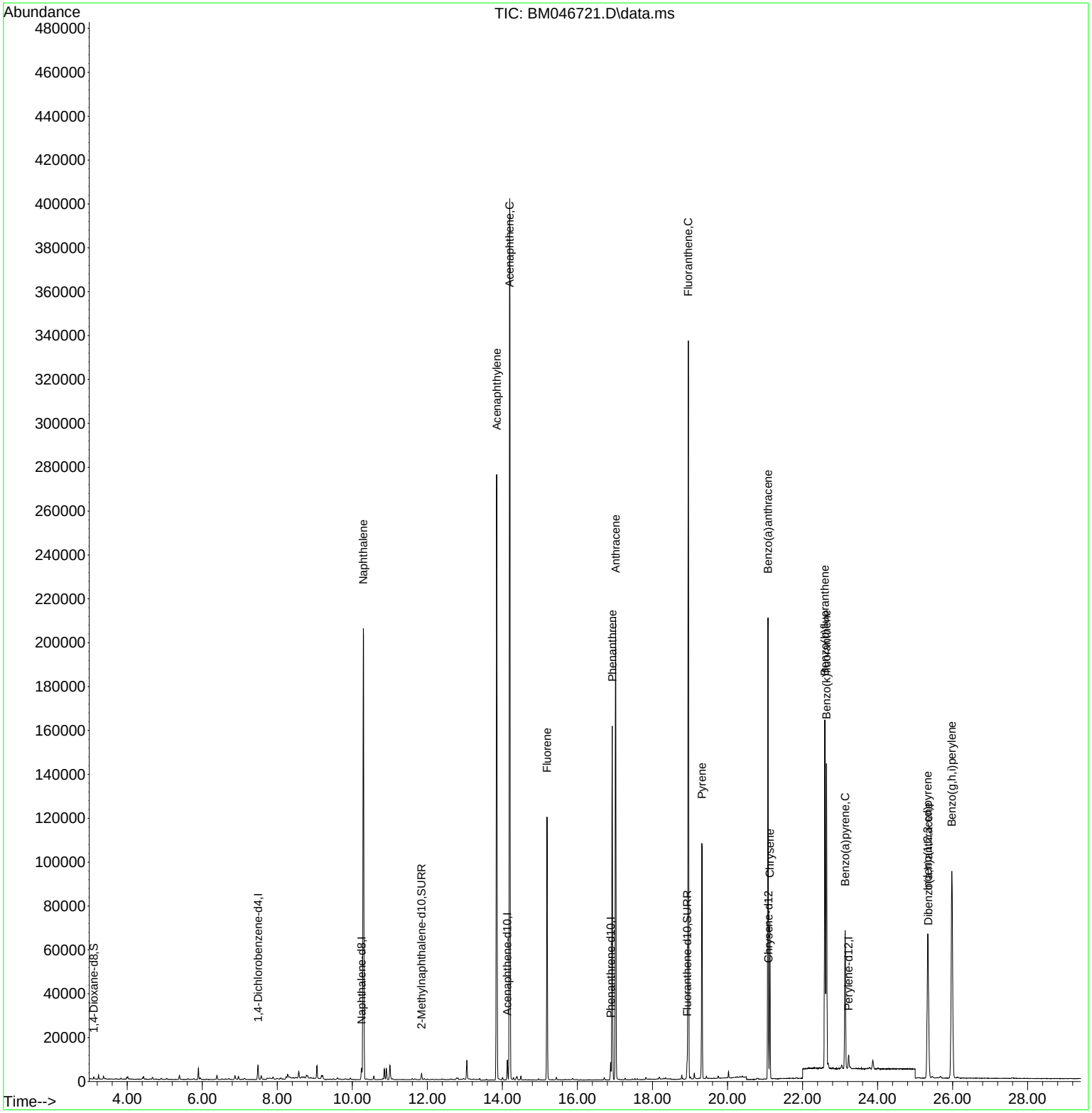
(#) = qualifier out of range (m) = manual integration (+) = signals summed

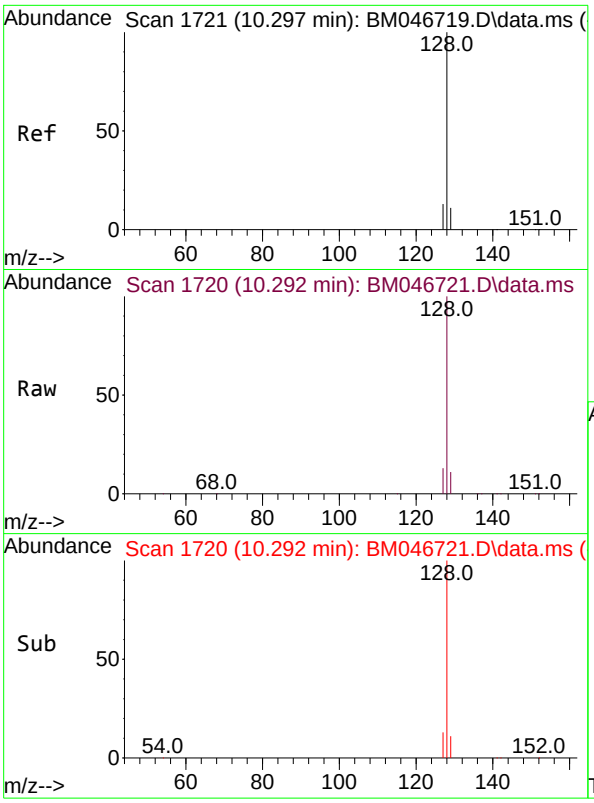
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046721.D
Acq On : 19 Jul 2024 11:55
Operator : MA/JU
Sample : P3201-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Quant Time: Jul 19 12:56:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration



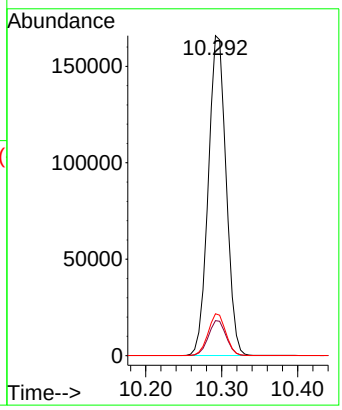


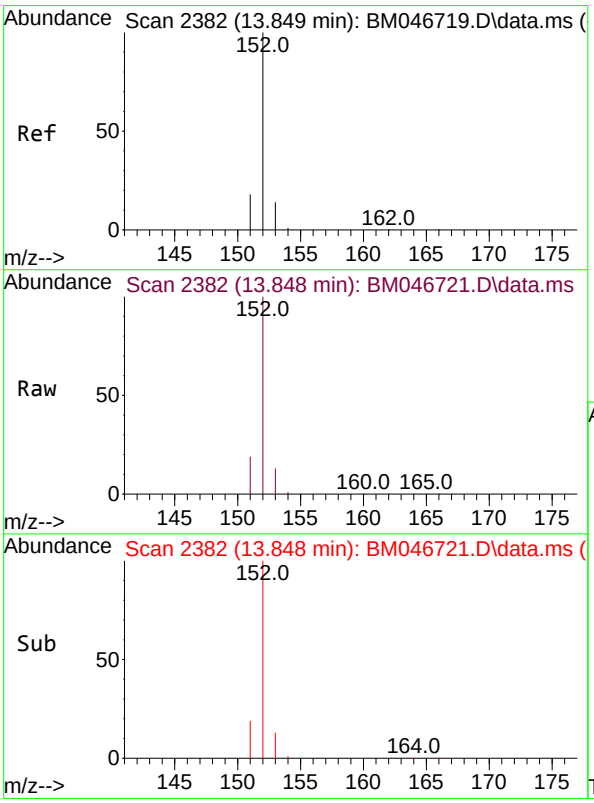
#5
Naphthalene
Concen: 14.913 ng/ul
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Tgt Ion:128 Resp: 270464

Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.3	15.5
127	13.1	12.2	18.4

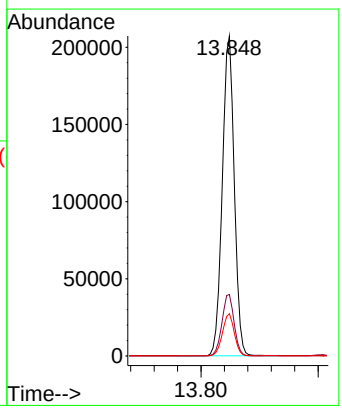


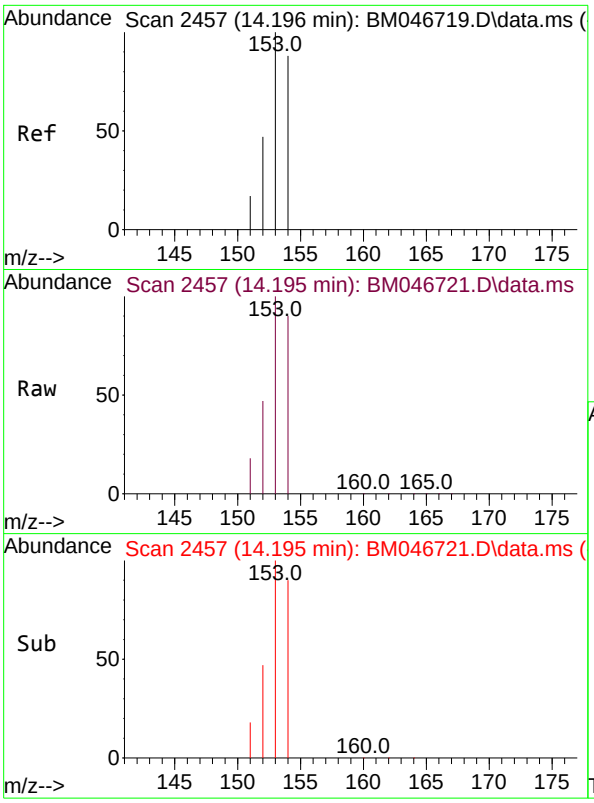


#10
Acenaphthylene
Concen: 13.324 ng/ul
RT: 13.848 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Tgt Ion:152 Resp: 292352

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.4	24.6
153	13.2	12.4	18.6



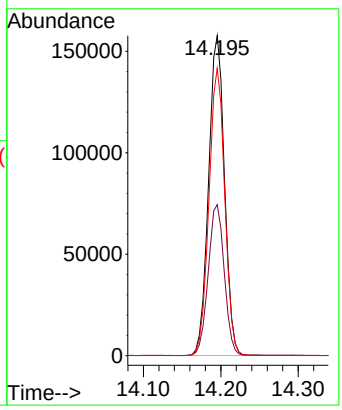


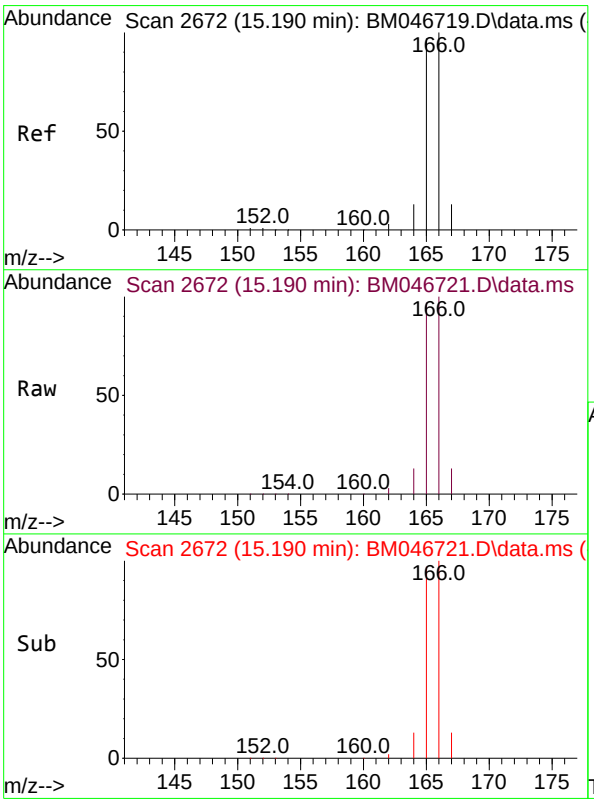
#11
Acenaphthene
Concen: 15.275 ng/ul
RT: 14.195 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Tgt Ion:153 Resp: 224544

Ion	Ratio	Lower	Upper
153	100		
152	47.2	43.0	64.6
154	89.9	69.9	104.9

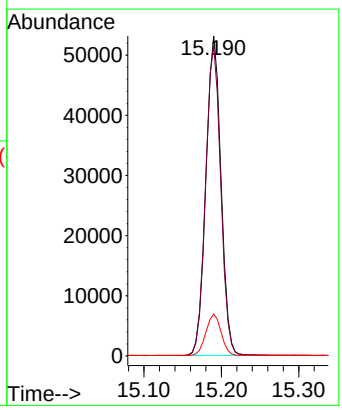


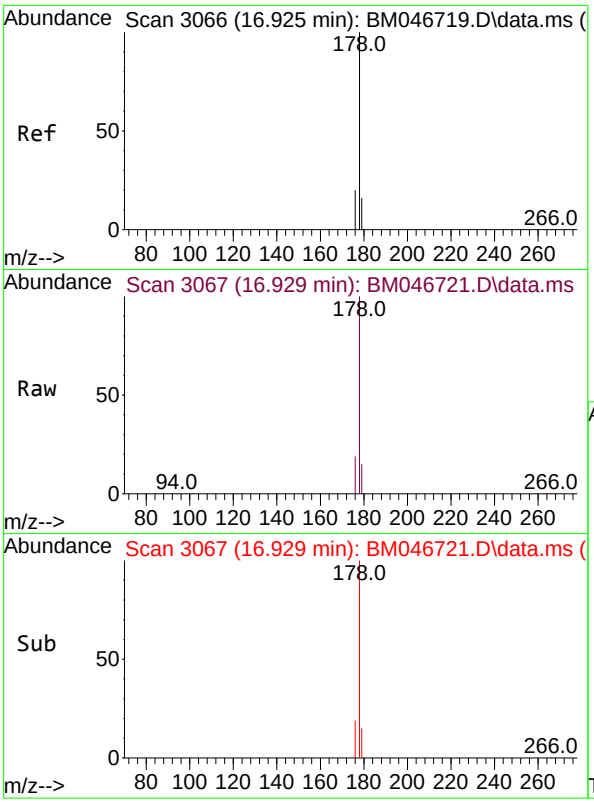


#12
Fluorene
Concen: 3.950 ng/ul
RT: 15.190 min Scan# 2672
Delta R.T. -0.000 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Tgt Ion:166 Resp: 71847

Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.1	114.1
167	13.1	12.5	18.7



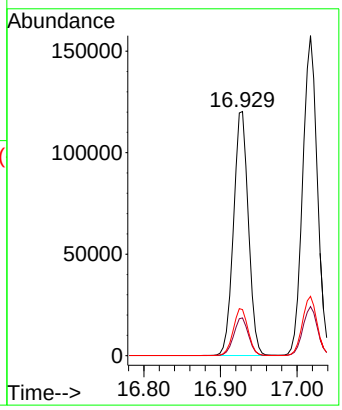


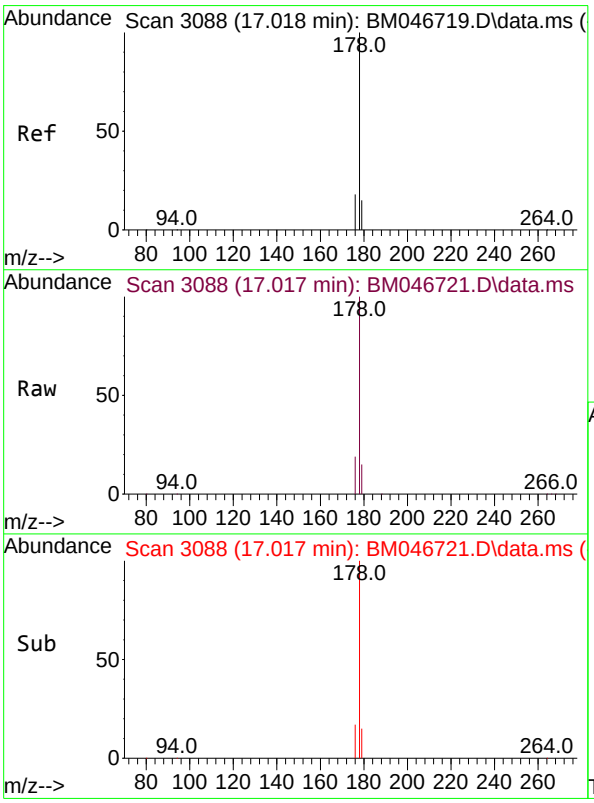
#15
Phenanthrene
Concen: 5.761 ng/ul
RT: 16.929 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Tgt Ion:178 Resp: 161767

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	18.9	16.0	24.0

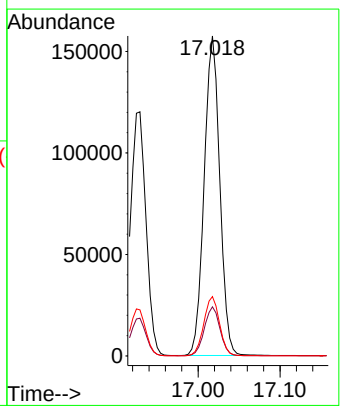


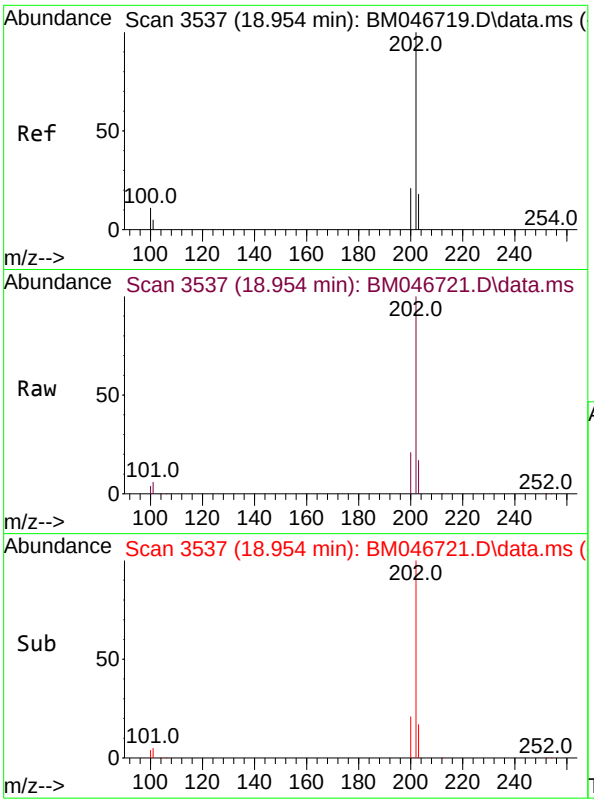


#16
Anthracene
Concen: 7.617 ng/ul
RT: 17.017 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Tgt Ion:178 Resp: 208716

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.5	20.3
176	18.6	15.7	23.5



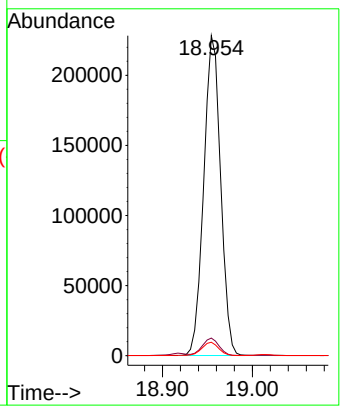


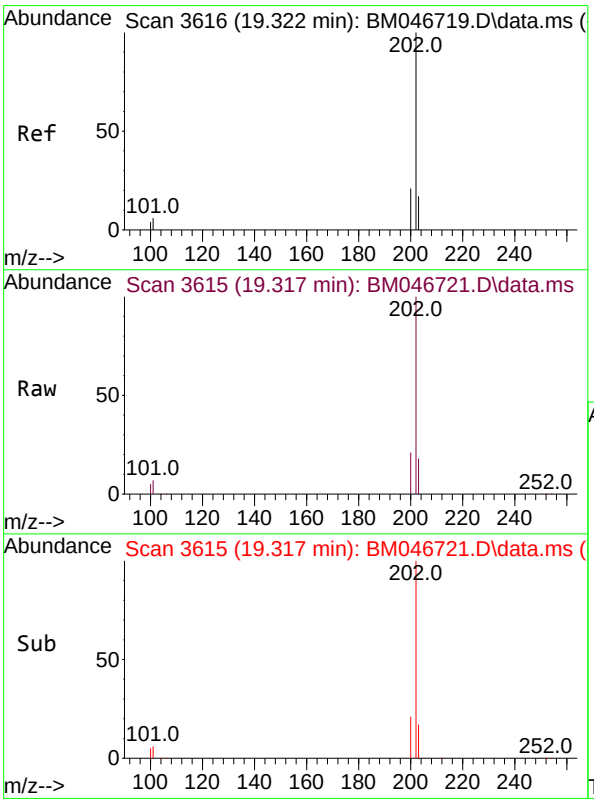
#19
Fluoranthene
Concen: 10.962 ng/ul
RT: 18.954 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Tgt Ion:202 Resp: 298080

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	6.8
100	4.2	3.0	4.6

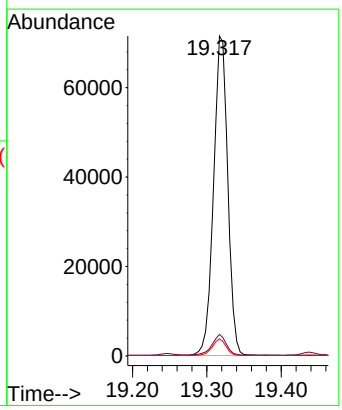


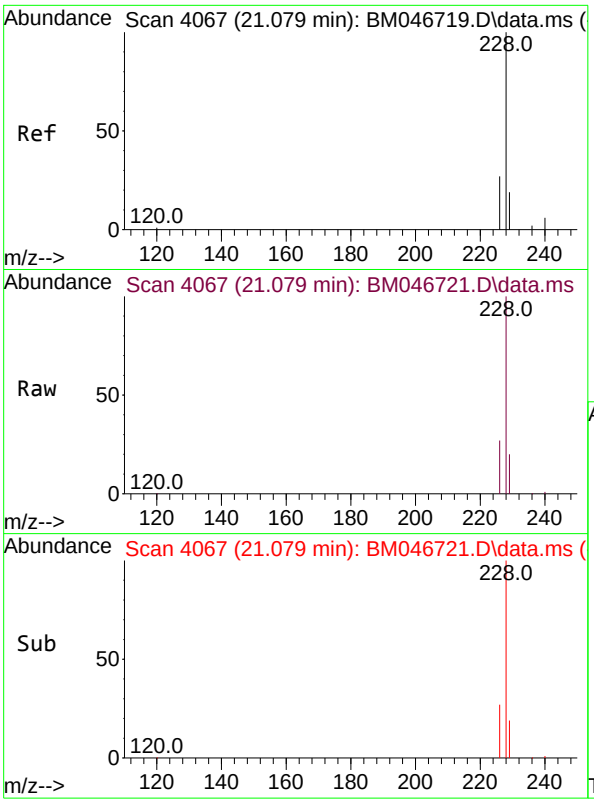


#20
Pyrene
Concen: 3.218 ng/ul
RT: 19.317 min Scan# 3615
Delta R.T. -0.005 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Tgt Ion:202 Resp: 94737

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.1	7.7
100	5.4	3.8	5.6



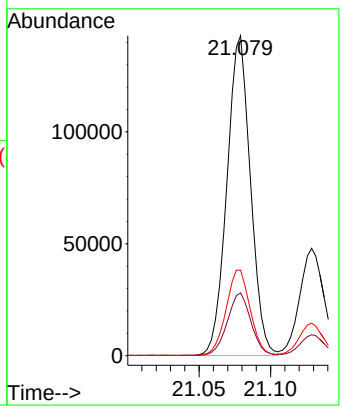


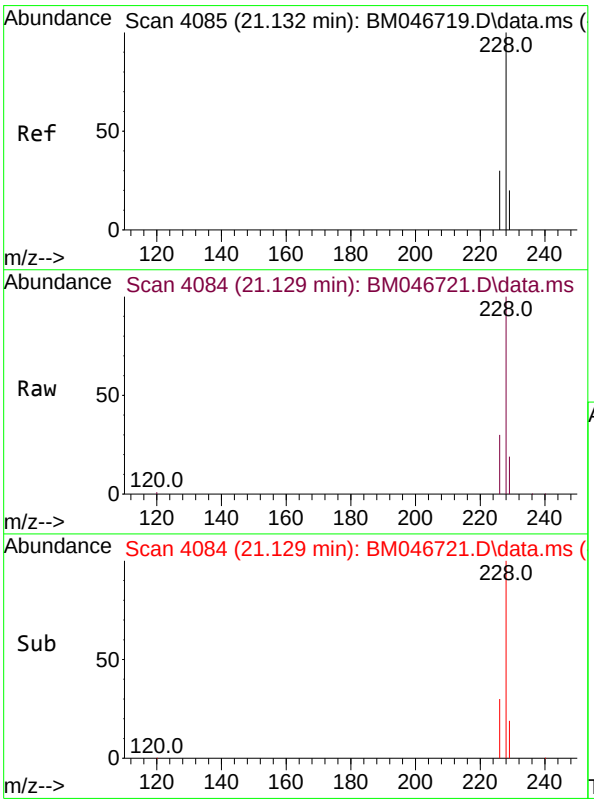
#21
Benzo(a)anthracene
Concen: 5.593 ng/ul
RT: 21.079 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Tgt Ion:228 Resp: 163792

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.5	24.7
226	26.7	22.5	33.7

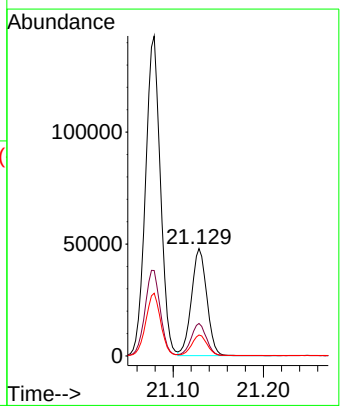


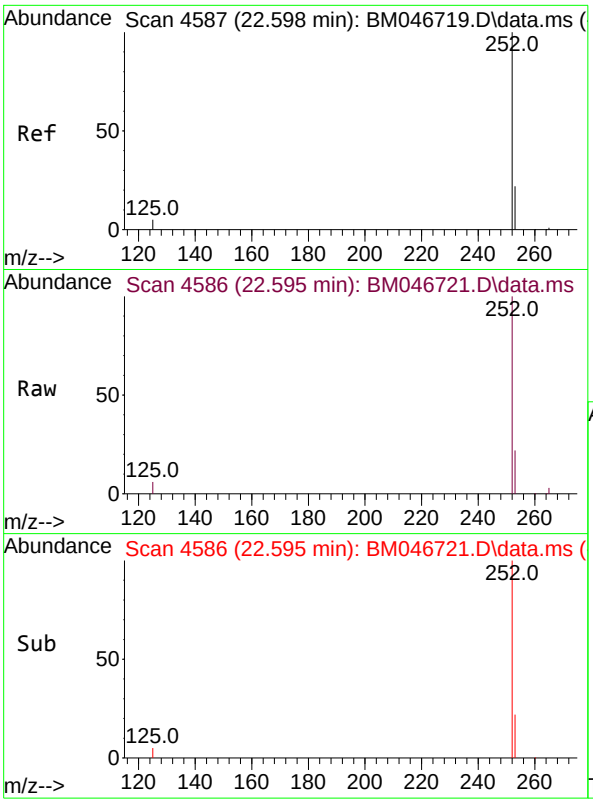


#22
Chrysene
Concen: 1.987 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Tgt Ion:228 Resp: 56294

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.5	16.4	24.6



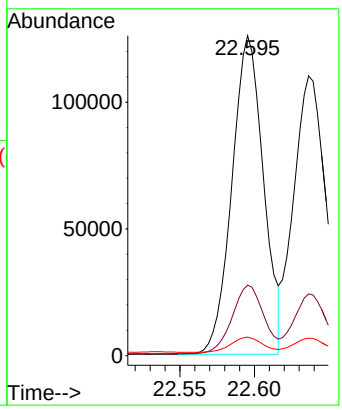


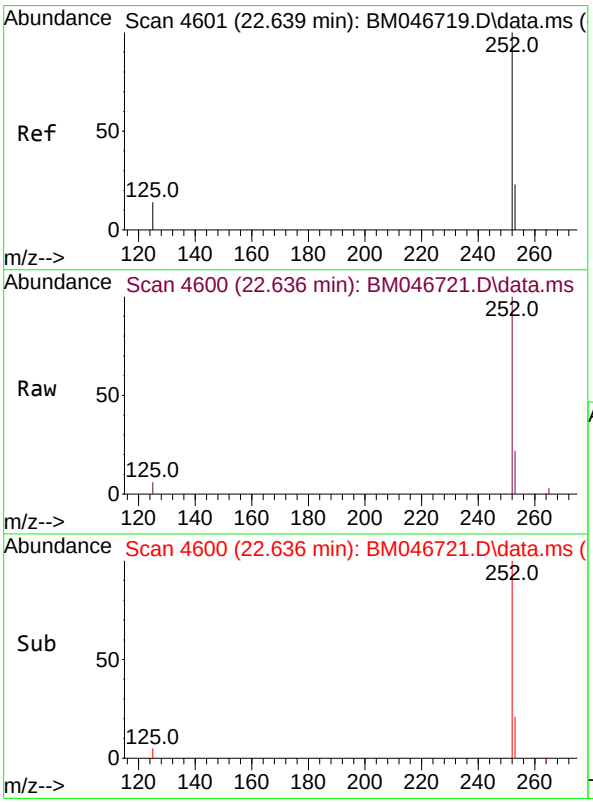
#24
Benzo(b)fluoranthene
Concen: 6.205 ng/ul
RT: 22.595 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Tgt Ion:252 Resp: 184508

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	56.2
125	5.8	0.0	17.8

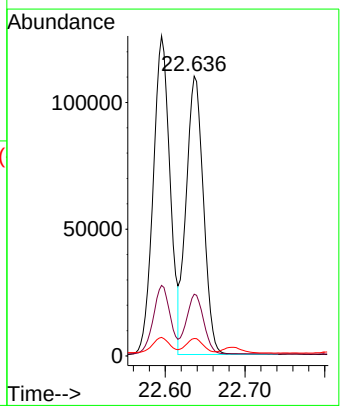


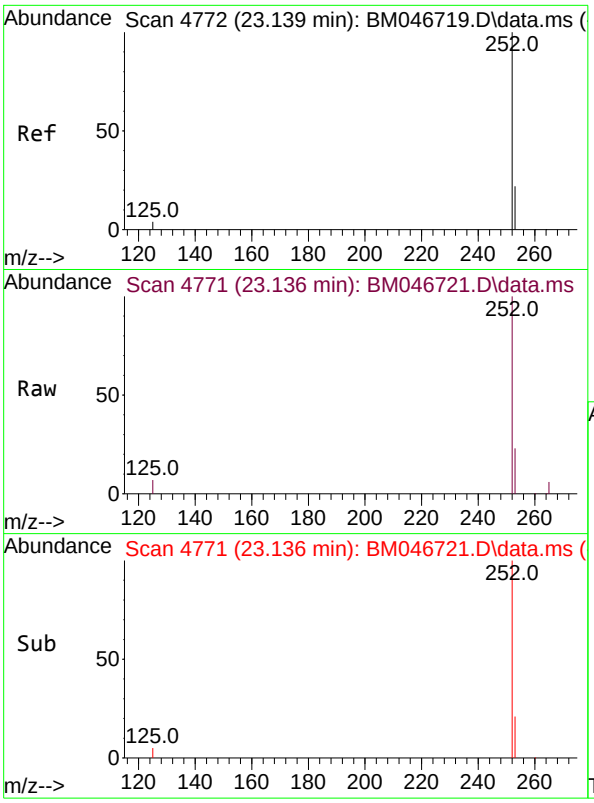


#25
Benzo(k)fluoranthene
Concen: 5.658 ng/ul
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Tgt Ion:252 Resp: 165160

Ion	Ratio	Lower	Upper
252	100		
253	22.1	22.4	33.6#
125	6.3	7.0	10.4#



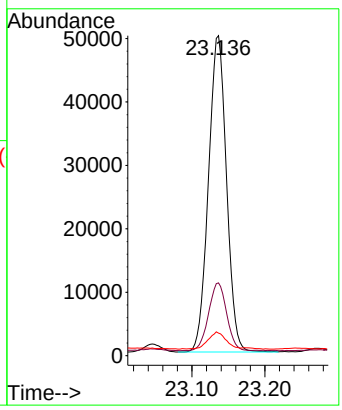


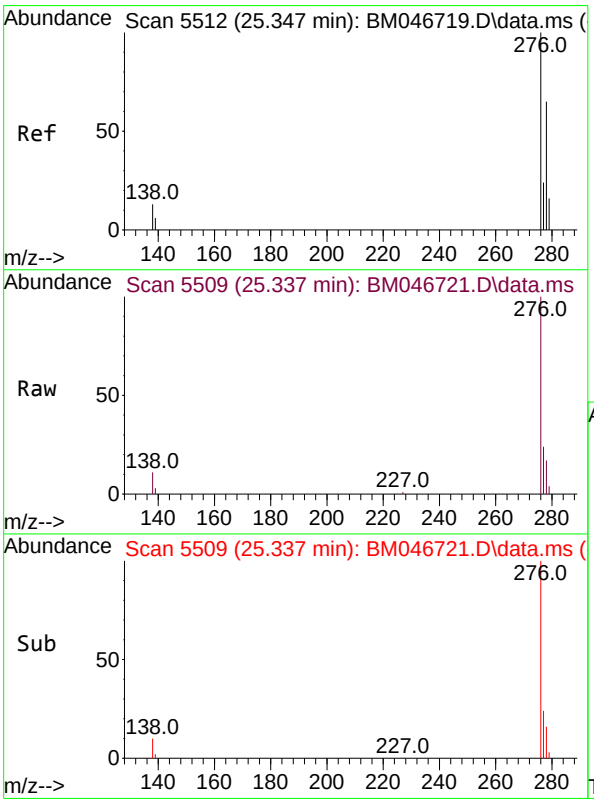
#26
Benzo(a)pyrene
Concen: 3.500 ng/ul
RT: 23.136 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Tgt Ion:252 Resp: 85658

Ion	Ratio	Lower	Upper
252	100		
253	22.7	24.0	36.0#
125	7.1	8.2	12.2#

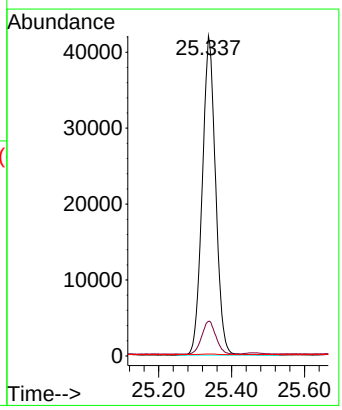


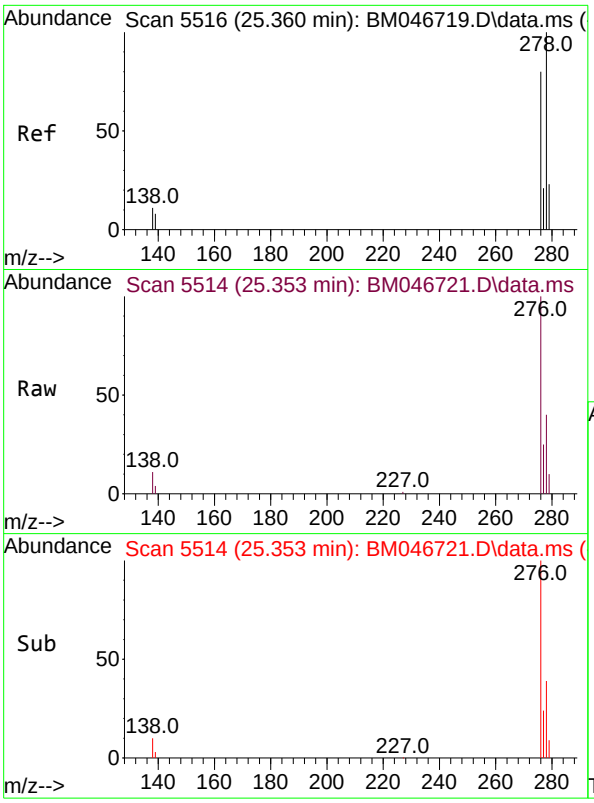


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.862 ng/ul
RT: 25.337 min Scan# 5509
Delta R.T. -0.010 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Tgt Ion:276 Resp: 106577

Ion	Ratio	Lower	Upper
276	100		
138	10.9	0.0	0.0#
227	0.3	0.2	0.2#



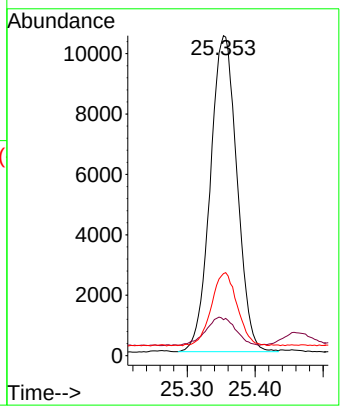


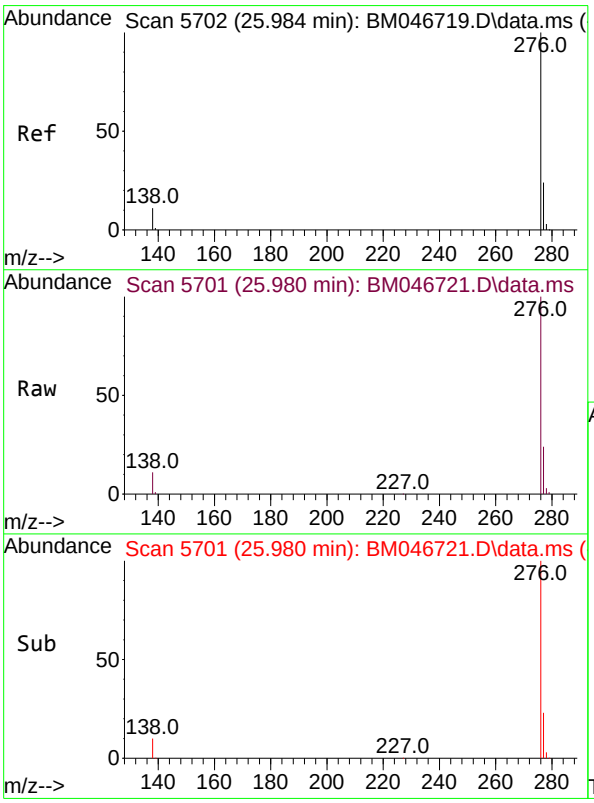
#28
Dibenzo(a,h)anthracene
Concen: 0.968 ng/ul
RT: 25.353 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Instrument :
BNA_M
ClientSampleId :
A4DQ4

Tgt Ion:278 Resp: 28533

Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.1	13.7
279	25.6	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 6.358 ng/ul
RT: 25.980 min Scan# 5701
Delta R.T. -0.003 min
Lab File: BM046721.D
Acq: 19 Jul 2024 11:55

Tgt Ion:276 Resp: 188928

Ion	Ratio	Lower	Upper
276	100		
138	10.7	10.2	15.4
277	23.6	20.9	31.3